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What is Claimed is:

1. An isolated human protein C polypeptide comprising:
5 a light chain and a truncated heavy chain.
2. The polypeptide of claim 1 wherein said polypeptide is SEQ ID NO: 1.
- 10 3. A recombinant DNA molecule encoding the human protein C polypeptide of Claim 1.
4. The recombinant DNA molecule of Claim 3, wherein said DNA molecule is SEQ ID NO: 2.
- 15 5. The isolated human protein C polypeptide of Claim 1, wherein said human protein C polypeptide is activated.
- 20 6. A method of treating thrombotic disorders, vascular occlusive disorders and hypercoagulable states in a patient in need thereof, which comprises: administering to said patient a pharmaceutically effective amount of an isolated activated protein C polypeptide with a truncated heavy chain of Claim 1.
- 25 7. A vector, comprising a nucleic acid according to Claim 2.
8. A host cell comprising an isolated nucleic acid
30 according to Claim 2.